

Regulating the operation of an internal combustion engine, involves determining a revolution rate signal and transforming it into an angular frequency range using a Hartley transformation

Publication number: DE10235665

Publication date: 2004-02-12

Inventor: HAGEL REINHOLD (DE); KRELL STEPHAN (DE); SCHIMMELPFENNIG PETER (DE); TUNA MEHMET (DE)

Applicant: CONTI TEMIC MICROELECTRONIC (DE)

Classification:

- international: **F02D41/14; F02D41/34; F02D41/14; F02D41/34; (IPC1-7): F02D41/00**

- european: **F02D41/14F2; F02D41/34D**

Application number: DE20021035665 20020731

Priority number(s): DE20021035665 20020731

Also published as:

WO2004016930 (A1)
US2005229904 (A1)
EP1525382 (A0)

Report a data error here

Abstract of DE10235665

The method involves a regulating device (2) sampling signals (3), frequency analysis (5) in a following device and cylinder classification (7) in a further device, determining a revolution rate signal and transforming it into an angular frequency range using a Hartley transformation. Smooth engine running regulation is carried out by detecting and regulating rough running. Independent claims are also included for the following: (a) a device for regulating the operation of an internal combustion engine (b) and an internal combustion engine in a motor vehicle with an inventive regulating device.

